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CLMPTO 0417/04 JW

Cancel Claims 1, and 13.

Amended Claims 2,4,9-12,14,17 and 22-31

- [. (Curreled)
- (Currently emended) The mothod of claim 19[[1]] further comprising: trensmitting each of the frames to a remote receiver, and de-interleaving the symbols at the remote receiver.
- (Original) The method of claim 2 wherein destribed awing restores the previous series of frames.
- (Currently amended) The method of claim 29[[1]] wherein involvening further comprises
 interleaving using a predetermined muster of symbols.
- (Origins) The method of elaim 4 wherein the predetermined number of symbols to be interleaved are miscled according to a predatermined spreading computation.
- 6. (Previously Presented) A method for transmitting A/V data signals to a wholese astwork comprising:
 - receiving a scream of AAV data rignals, each of the data signals corresponding to a particular symbol;

erranging the symbols in a series of frames; and

interfeaving the symbols in one of the frames with symbols in an edjacent one of frames in the series of frames using a predstormized number of symbols selected according to a dynamic computation.

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- (Original) The method of claim 6 wherein the predatermined number of symbols wares as a result of this transmission characteristics.
- 8. (Original) The method of claim 7 wherein the link transmission characteristics are selected from the group constelling of protocol type, bit error rate (BBR), signal-to-more ratio (BNR), framing marker, and sampling rate.
- (Currently amended) The method of claim 29[[1]] wherein the receiving the streaming data signals further comprises receiving signals output from a vocader.
- (Currently senenced) The medical of claim 22([1]) wherein the streaming data eigenfaces: selected from the group consisting of compressed voice, compressed video, and Voice Over IP (VOIP).
- (Currently emerated) The method of alaim 22[[1]] wherein each of the frames postein a
 predetermined number of symbols.
- (Currently arounded) The method of of size 22[[1]] further comprising recreating portions
 of a frame from the interleaved symbols.
- (3. (Canceled)
- (4. (Connectly amended) The system of claim 31[[13]] further comprising a de-interleaver at a number receiver and operable to desinterleave the frames.
- (5. (Original) The system of claim 14 wherein the de-interleaver is operable to restore the previous series of frames.
- (Original) The system of olsim 14 wherein the de-interleaver is further operable to recreate portions of a fracta from the interleaved symbols.

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- (Currently amended) The system of olsim 21[[33]] wherein the symbol interfeaver is further operable to interfeave using a predetermined attribute of symbols.
- 18. (Original) The system of ciaim 17 wherein the symbol interference is further operable to select the produceroised number of symbols according to a predicterminal epreading compariation.
- [9] (Previously Presented) A system for transmitting APV data eigenle in a wireless network apprentique:
 - a stream of A/V data signals, each of the data signals corresponding to a perticular symbol;
 - a frame generator operable to interior symbols into a series of frames; and a symbol interiescer operable to interiors symbols from one of the series of frames with symbols from an adjacent exics of frames using a produkamined ramber of symbols miseched according to a dynamic computation.
- (Original) The system of claim 19 wherein the predetermined number of systhole varies
 as a result of link transmission characteristics.
- 21. (Original) The system of claim 20 with solution the link transmission characteristics are selected from the group consisting of protocol type, bit error rate (BBR), signal -to-noise ratio (ENR), framing market, and sampling rate.
- (Currently smoothed) The system of claim 11[[13]] wherein the streaming data signals
 further comprise receiving signals output from a vocotion.

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23. (Currently amended) The system of olding <u>31([13])</u> wherein the symbol interfaces is finiteer operable to interface of courses suitable satisfact of from the group constiting of compressed voice, compressed video, and Voice Over IP (VOIP).

- (Currently amended) The system of claim \(\frac{1}{2}\)[[33]\) wherein each of the frames contain a
 projectoralized number of symbols.
- 25. (Convertly amended) A computer program product having computer program code for transmitting streaming data signals in a wireless porecule comparising:

computer program code for receiving aneaming date signals, each of the date signals corresponding to a particular synthol;

computer program code for arranging the symbols in a series of flumes; computer program code for interleaving the symbols in one of the figures with symbols in an edjacent one of the transe in the series of flumes, each frame beving a parabol so bitman stored with the frame. The bitman indication a symbol position that is to be interleaved:

computer program code for transmitting each of the frames to a remote receiver,

computer program code for de-interiorring the symbols at the remote receiver.

26. (Chreently amended) A computer data signal for transmitting streaming data eigents in a wireless network computatog:

program code for receiving streaming data rignels, each of the data signals corresponding to a particular symbol;

program code for arranging the symbols in a strict of flants;

program code for interleaving the symbols in one of the flames with symbols in an adjacent one of flames in the series of frames, each frame baving a monotoing bitman stored with the flame, the bitman indicating a symbol position that is to be interleaved;

program code for transmitting each of the flames to a remain receiver, and

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program code (he de-interiorving the symbols at the remote receiver.

 (Currently amended) A system for transmitting streaming data signals in a vetreless nativoric communicies:

means for receiving a smeaming date signals, each of the data signals corresponding to a particular symbol;

means for do-interloaving the symbols at the remote most ver-

means for amonging the symbols in a series of frames;

means for interieuving the symbols in one of the frames with symbols in an adjacent one of frames is the earlies of frames, <u>qualt frame having a respective bilines</u> mored with the frame. One bilines indicating a symbol position that is to be interleaved:

The first for transmitting each of the frames to a remote receiver, and

- (Currently amended) The method of claim 22[[1]] wherein the streaming data eignals
- 29. (Currently amanded) The method of claim 1 who on the stop of interterving comprises:
 A method for representative elementate data simulation a wholess notwork comprising:
 modelying streaming data rigorals, each of the data signals commenceding to a

pudeular extribal:

slength stab (VA) fautivolus oringnos

accepting the symbols in a series of frames; and

interiorying the symbols in one of the frames with symbols in an adjacent core of the frames in the series of frames, unlargened frame having a respective interestant with the frame, the interest indication a symbol position that is to be interleaved symbol position may attend with the frame frame indication in services.

- (Chartenity amended) The system of claim \$\(\begin{align*}
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 \delta \delta
- (Currently Amended) The cystem of cicien 19 further comprising A restent for proposition streaming data signals in a vertices artwork composition;

primary a of equilmentary a large state of the date state of a reminister a of equilments.

a frame penerator operable to extende the symbols into a series of frames:

a symbol interfessor operable to interfesso symbols from one of the series of frames with symbols from an adjacent series of frames: and

each frame having a respective himsp stored within the frame, the himsp indication a symbol position that is to be interleaved trap stored within the frame itself, wherein the symbol interleaver interleaves the symbols using the respective symbol position said himsel.

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